

Important Concepts . . .

Preview Review



Science

Grade 7

***W2 - Lesson 5: Review of Plant
Management***

Important Concepts of Grade 7 Science

W1 - Lesson 1	Interactions and Interdependencies
W1 - Lesson 2	Nutrient Cycles, Energy Flows, and Changes in Ecosystems
W1 - Lesson 3A	Environmental Impacts of Human Activities
W1 - Lesson 3B	The Particle Model of Matter, Temperature, Heat, and Change of State
W1 - Lesson 4	Heat Transfer
W1 - Lesson 5	Understanding Heat and Temperature in Nature and Technology
W1 - Quiz	
W2 - Lesson 1	Life Processes and Structure of Plants
W2 - Lesson 2	Plant Propagation and Reproduction
W2 - Lesson 3	Plant Needs and Growing Conditions
W2 - Lesson 4	Role of Plants and Controlling Plant Growth
W2 - Lesson 5	Review of Plant Management
W2 - Quiz	
W3 - Lesson 1	Forces on and within Structures
W3 - Lesson 2	Structural Forms
W3 - Lesson 3A	Materials Used in Structures
W3 - Lesson 3B	Rocks, Weathering, and Erosion - The Rock Cycle
W3 - Lesson 4	Plate Tectonics and Related Events
W3 - Lesson 5	Fossils
W3 - Quiz	

Materials Required.

Textbook:
Science in Action 7

Science Grade 7
Version 5
Preview/Review W2 - Lesson 5

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Preview/Review Concepts for Grade Seven Science



*W2 - Lesson 5: Review of
Plant Management*

OBJECTIVES

By the end of this lesson, you should be able to

- discuss management of plant resources and why it is important
- explain an unintended consequence and why we have to be careful not to cause negative consequences for the environment
- successfully write the quiz for this week's topics

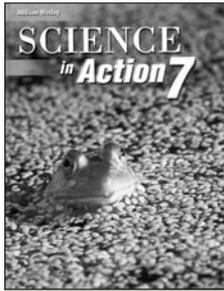
GLOSSARY

monoculture - growing only one type of plant in an area

unintended consequence - something that was not planned or expected to happen as a result of an activity

W2 - Lesson 5: Review of Plant Management

Because plants are so important to all living organisms on Earth, and because we are such a dominant species here, we must carefully manage our plant-related resources. We must manage them so that plants, animals, and humans benefit from that management. Read pages 133, 135, and 136 in *Science in Action 7*.



- 1. What sorts of activities are regulated in the forestry industry?

- 2. What sorts of regulations dealing with drilling would you expect to be in place for the Oil and Gas Industry in regard to plant life?

- 3. Are you aware of any other laws or regulations that control the use of nature or what can be added to nature? Explain.



Management of our environment can lead not only to the desired outcome but also to unintended consequences. For example, when flooding is controlled, sometimes conditions along waterways are changed from being favourable to native species to being favourable to introduced species. Read pages 163 and 164 of your textbook.



4. What is an unintended consequence of building roads through forests?

5. Planting monocultures is common in many parts of the world.

a. What are the intended consequences of this practice?

b. In what ways do monocultures harm the ecosystem?

In the time remaining, you should return to your first four lessons and review the material you learned this week. You will have a quiz on it before you go home.

